BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE SHETTYHALLI SUB DIVISION.

EMB

Name of Work: Improvements to roads Abbigere Circle to Lakshmi Temple and surrounding area (Pipe Line road) in Ward No 12 Shettyhally

Sl No	Description of Work	No	Length	B1	B2	Avg B	Depth	Quantity	Unit
6	Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials by manual means including cost of all labour charges complete as per the specification & as per direction of Engineer-in-charge of the work								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48		164.40	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65		199.50	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18		215.25	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73		61.80	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50		165.00	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75		232.50	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45		253.50	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33		249.75	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58		227.25	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70		201.00	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20		186.00	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85		175.50	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70		171.00	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60		168.00	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40		162.00	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20		156.00	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60		168.00	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00		150.00	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45		283.50	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95		319.00	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18		166.73	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25		124.95	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58		167.25	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88		126.75	
								4494.63	**Sqm**
							Qty Limited to	**889.00**	**Sqm**

12/2/22

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division
12.2.22

Continued.....

7	Excavation for roadwork in all type of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting with a lead of 1.00 km and complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48	0.35	57.54	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65	0.35	69.83	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18	0.35	75.34	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73	0.35	21.63	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50	0.35	87.75	

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	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75	0.35	81.38	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45	0.35	88.73	
	appa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33	0.35	87.41	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58	0.35	79.54	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70	0.35	70.35	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20	0.35	65.10	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85	0.35	61.43	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70	0.35	59.85	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60	0.35	58.80	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40	0.35	56.70	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20	0.35	54.60	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60	0.35	58.80	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00	0.35	52.50	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45	0.35	99.23	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95	0.35	111.65	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18	0.35	58.35	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25	0.35	43.73	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58	0.35	58.54	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88	0.35	44.36	
	Sanitory line:							0.00	
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00			1.20	0.40	3.84	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00			1.20	0.40	10.56	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00			1.20	0.40	12.00	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00			1.20	0.40	14.40	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00			1.20	0.40	9.60	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00			1.00	0.40	10.80	
	6th Cross Paschim county North	1	23.80			1.00	0.40	9.52	
	6th Cross Paschim county South 00.00 to30.00	1	30.00			1.00	0.40	12.00	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00			1.00	0.40	10.40	
								1882.24	**Cum**
						Qty Limited to		**1841.00**	**Cum**

18/2/22

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division
18.2.22

Continued.....

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	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means for roads, drains and similars works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking clods complete as per the specification & as per direction of Engineer-in-charge of the work.								
	Drain @ Near Lakshmi Temple Pipe lane	2	30.00			1.10	1.15	75.90	
	Drain @ Near Lakshmi Temple Pipe lane	1	26.00			1.10	1.15	32.89	
	Drain @ Near Lakshmi Temple Pipe lane	1	30.00			1.10	1.15	37.95	
	Drain @ Near Lakshmi Temple Pipe lane	1	6.00			1.10	1.15	7.59	
	Drain @ Near Pillappa Circle Pipe lane	1	21.00			1.10	1.15	26.57	
	Culvert @Gurunath Layout	3	6.00			1.80	1.20	38.88	
	Culvert @Pachim County	1	7.60			1.80	1.20	16.42	
	Culvert 5th Cross Lakshmipura Main Road	1	4.50			1.80	1.20	9.72	
	Culvert Pipe Line Road	3	6.20			1.80	1.20	40.18	
	Desilt								
	Pipe line North	10	30.00			0.60	0.50	90.00	
	Pipe line North	1	22.50			0.60	0.50	6.75	
	Pipe line South	8	30.00			0.60	0.50	72.00	
	Pipe line South	1	28.50			0.60	0.50	8.59	
	Pipe line South	1	26.75			0.60	0.50	8.03	
								471.41	**Sqm**
						Qty Limited to		**470.47**	**Sqm**

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs with 20mm and down size graded granite metal coarse aggregate @ 0.84cum and fine aggregate @ 0.56 cum machine mixed concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per the specification & as per direction of Engineer-in-charge of the work.								
	Drain @ Near Lakshmi Temple Pipe lane Ch:0.00 to 60.00	2	30.00			1.10	0.15	9.90	
	Drain @ Near Lakshmi Temple Pipe lane Ch:60.00 to 86.00	1	26.00			1.10	0.15	4.29	
	Drain @ Near Lakshmi Temple Pipe lane	1	30.00			1.10	0.15	4.95	
	Drain @ Near Lakshmi Temple Pipe lane	1	6.00			1.10	0.15	0.99	
	Drain @ Near Pillappa Circle Pipe lane	1	21.00			1.10	0.15	3.47	
	Culver @Gurunath Layout	3	6.00			1.80	0.20	6.48	
	Culver @Pachim County	1	7.60			1.80	0.20	2.74	
	Culver 5th Cross Lakshmipura Main Road	1	4.50			1.80	0.20	1.62	
	Culver Pipe Line Road	3	6.20			1.80	0.20	6.70	
	bed Bottom	2	30.00			1.10	0.15	9.90	
	bed Bottom	1	28.00			1.10	0.15	4.62	
	bed Bottom	1	18.75			1.10	0.15	3.09	
	bed Bottom	1	27.20			1.10	0.15	4.49	
								63.23	**Cum**

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

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4	Providing T.M.T steel reinforcement for R.C.C work including straightening cutting, bending, hooking, placing wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of ,materials, labor HOM of machinery completed as per specifications. -do- Fe 500 complete as per the specification & as per direction of Engineer-in-charge of the work								
	Drain @ Near Lakshmi Temple Pipe lane 10mm Main Rod	688	2.1				0.62	895.78	
	Drain @ Near Lakshmi Temple Pipe lane 8mm Strps	11	86				0.39	368.94	
	Drain @ Near Lakshmi Temple Pipe lane 10mm Main Rod	288	2.1				0.62	374.98	
	Drain @ Near Lakshmi Temple Pipe lane 8mm Strps	11	36				0.39	154.44	
	Drain @ Near Pillappa Circle Pipe lane 10mm Main Rod	168	2.1				0.62	218.74	
	Drain @ Near Pillappa Circle Pipe lane 8mm Strps	11	21				0.39	90.09	
	Culver @Gurunath Layout Wall main rod 16mm	3x96	2.30				1.57	1039.97	
	Culver @Gurunath Layout Wall Distrubution rod 8mm	3x22	6.00				0.39	154.44	
	Culver @Gurunath Layout Roof main rod 16mm	96	1.50				1.57	226.08	
	Culver @Gurunath Layout Roof Ring 8mm	24	6.00				0.39	56.16	
	Culver @Pachim County wall main rod 16mm	120	2.30				1.57	433.32	
	Culver @Pachim County wall Distrubution rod 8mm	22	7.60				0.39	65.21	
	Culver @Pachim County Roof main rod 16mm	120	1.15				1.57	216.66	
	Culver @Pachim County Roof Ring rod 8mm	18	7.50				0.39	52.65	
	Culver 5th Cross Lakshmipura Main Road wall Main Rod 16mm	72	2.30				1.57	259.99	
	Culver 5th Cross Lakshmipura Main Road wall Distr 8mm	24	4.50				0.39	42.12	
	Culver 5th Cross Lakshmipura Main Road Roof Main Rod 16mm	72	1.45				1.57	163.91	
	Culver 5th Cross Lakshmipura Main Road Roof Distr 8mm	24	4.45				0.39	41.65	
	Culvert Pipe Line Road wall Main Rod 16mm	3x98	2.30				1.57	1064.03	
	Culvert Pipe Line Road wall Distr 8mm	3x22	6.15				0.39	158.30	
	Culvert Pipe Line Road Roof Main Rod 16mm	3x98	1.45				1.57	669.29	
	Culvert Pipe Line Road Roof Distr 8mm	3x22	6.15				0.39	158.30	
	Culvert Pipe Line Road Roof Main Rod 16mm	101	1.45				1.57	229.93	
	Culvert Pipe Line Road Roof Distr 8mm	24	6.15				0.39	57.56	
								7190.13	Sqm
							Qty Limited to	7.19	Sqm

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division 15.3.22

Continued.....

3	Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height. complete as per the specification & as per direction of Engineer-in-charge of the work								
	Drain Bottom								
	Drain @ Near Lakshmi Temple Pipe lane	2	30.00				1.10	0.15	9.90
	Drain @ Near Lakshmi Temple Pipe lane	1	26.00				1.10	0.15	4.29
	Drain @ Near Lakshmi Temple Pipe lane	1	30.00				1.10	0.15	4.95
	Drain @ Near Lakshmi Temple Pipe lane	1	6.00				1.10	0.15	0.99
	Drain @ Near Pillappa Circle Pipe lane	1	27.00				1.10	0.15	4.46
	Drain Wall								
	Drain @ Near Lakshmi Temple Pipe lane	4	30.00				0.15	0.65	11.70

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	Drain @ Near Lakshmi Temple Pipe lane	2	26.00			0.15	0.65	5.07	
	Drain @ Near Lakshmi Temple Pipe lane	2	30.00			0.15	0.65	5.85	
	Drain @ Near Lakshmi Temple Pipe lane	2	6.00			0.15	0.65	1.17	
	Drain @ Near Pillappa Circle Pipe lane	2	27.00			0.15	0.65	5.27	
	Culver Bottom								
	Culvert @Gurunath Layout	3	6.00			1.80	0.15	4.86	
	Culvert @Pachim County	1	7.60			1.80	0.15	2.05	
	Culvert 5th Cross Lakshmipura Main Road	1	4.50			1.80	0.15	1.22	
	Culvert Pipe Line Road	3	6.20			1.80	0.15	5.02	
	Culvert Wall								
	Culvert @Gurunath Layout	6	6.00			0.30	0.60	6.48	
	Culvert @Pachim County	2	7.60			0.30	0.60	2.74	
	Culvert 5th Cross Lakshmipura Main Road	2	4.50			0.30	0.60	1.62	
	Culvert Pipe Line Road	6	6.20			0.30	0.60	6.70	
	Culvert Roof							0.00	
	Culvert @Gurunath Layout	3	6.00			1.50	0.23	6.21	
	Culvetr @Pachim County	1	7.60			1.20	0.23	2.10	
	Culvert 5th Cross Lakshmipura Main Road	1	4.50			1.50	0.23	1.55	
	Culvert Pipe Line Road	3	6.20			1.50	0.23	6.42	
	Culvert Ramp								
	Culvert @Gurunath Layout	6	6.00			0.60	0.15	3.24	
	Culvert @Pachim County	2	7.60			0.60	0.15	1.37	
	Culvert 5th Cross Lakshmipura Main Road	2	4.50			0.60	0.15	0.81	
	Culvert Pipe Line Road	6	6.20			0.60	0.15	3.35	
	Culvert Ramp	2	30.00			0.60	0.20	7.20	
								116.56	**Cum**
						Qty Limited to		**115.48**	**Cum**

Received 18/3/22

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 18.3.22

Continued.....

5	Providing and fixing precast reinforced cement concrete covering slabs of 10cm thick made out of M25 with OPC cement @340kgs per cum , 20mm and down size graded granite metal corse aggregtes @ 0.70cm and fine aggregates @ 0.74 cum with super plasticizers, machine mixed , incldng providing and removing centering, shuttering strutting propping etc., for edges of slab with TMT steel (Fe500) cost & reinforcement charges incldng finishing as required with cost of reinforcement etc., complete as per the specification & as per direction of Engineer-in-charge of the work								
	Drain Slab								
	Drain @ Near Lakshmi Temple Pipe lane	2	30.00			0.90		54.00	
	Drain @ Near Lakshmi Temple Pipe lane	1	26.00			0.90		23.40	
	Drain @ Near Lakshmi Temple Pipe lane	1	30.00			0.90		27.00	
	Drain @ Near Lakshmi Temple Pipe lane	1	6.00			0.90		5.40	
	Drain @ Near Pillappa Circle Pipe lane	1	27.00			0.90		24.30	
	Pipe line	469	0.60			0.90		253.26	
								387.36	Sqm
						Qty Limited to		**384.93**	Sqm

Received 23/3/22

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 23.3.22

Continued.....

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8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC,Carriage of mixed material to work site, spreading in uniform layers withmotor grader on prepared surface and compacting with vibratory powerroller to achieve the 98 % proctor density, complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48	0.15	24.66	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65	0.15	29.93	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18	0.15	32.29	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73	0.15	9.27	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50	0.15	24.75	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75	0.15	34.88	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45	0.15	38.03	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33	0.15	37.46	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58	0.15	34.09	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70	0.15	30.15	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20	0.15	27.90	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85	0.15	26.33	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70	0.15	25.65	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60	0.15	25.20	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40	0.15	24.30	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20	0.15	23.40	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60	0.15	25.20	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00	0.15	22.50	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45	0.15	42.53	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95	0.15	47.85	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18	0.15	25.01	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25	0.15	18.74	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58	0.15	25.09	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88	0.15	19.01	
	Sanitory line:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00			1.20		3.60	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00			1.20	0.10	0.96	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00			1.20	0.10	2.64	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	25.00			1.20	0.10	3.00	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	30.00			1.20	0.10	3.60	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	20.00			1.20	0.10	2.40	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	27.00			1.00	0.10	2.70	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	23.80			1.00	0.10	2.38	
	6th Cross Paschim county North	1	30.00			1.00	0.10	3.00	
	6th Cross Paschim county South 00.00 to30.00	1	26.00			1.00	0.10	2.60	
	6th Cross Paschim county South 30.00 to 26.00								

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								751.47	Cum
						Qty Limited to		666.75	Cum

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., etc.,								
	Near Lakshmi Temple Pipe lane	80						80.00	
	Pipe lane	540						540.00	
								620.00	Nos

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

9	Wet Mix Macadam - Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per the specification & as per direction of Engineer-in-charge of the work.								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48	0.20	32.88	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65	0.20	39.90	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18	0.20	43.05	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73	0.20	12.36	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50	0.20	33.00	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75	0.20	46.50	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45	0.20	50.70	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33	0.20	49.95	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58	0.20	45.45	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70	0.20	40.20	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20	0.20	37.20	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85	0.20	35.10	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70	0.20	34.20	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60	0.20	33.60	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40	0.20	32.40	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20	0.20	31.20	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60	0.20	33.60	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00	0.20	30.00	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45	0.20	56.70	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95	0.20	63.80	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18	0.20	33.35	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25	0.20	24.99	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58	0.20	33.45	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88	0.20	25.35	
	Aswathkatte Opposite road 00.00 to 90	3	30.00	4.80	4.80	4.80	0.20	86.40	
	Aswathkatte Opposite road 90.00 to 110	1	20.00	4.80	4.80	4.80	0.20	19.20	
								1004.53	Cum
						Qty Limited to		1000.13	Cum

Page 7

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11	Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48		164.40	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65		199.50	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18		215.25	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73		61.80	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50		165.00	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75		232.50	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45		253.50	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33		249.75	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58		227.25	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70		201.00	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20		186.00	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85		175.50	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70		171.00	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60		168.00	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40		162.00	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20		156.00	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60		168.00	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00		150.00	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45		283.50	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95		319.00	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18		166.73	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25		124.95	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58		167.25	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88		126.75	
								4494.63	**SQm**
						Qty Limitedto		**4445.00**	**SQm**

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48	0.05	8.22	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65	0.05	9.98	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18	0.05	10.76	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73	0.05	3.09	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50	0.05	8.25	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75	0.05	11.63	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45	0.05	12.68	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33	0.05	12.49	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58	0.05	11.36	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70	0.05	10.05	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20	0.05	9.30	

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	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85	0.05	8.78	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70	0.05	8.55	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60	0.05	8.40	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40	0.05	8.10	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20	0.05	7.80	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60	0.05	8.40	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00	0.05	7.50	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45	0.05	14.18	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95	0.05	15.95	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18	0.05	8.34	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25	0.05	6.25	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58	0.05	8.36	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88	0.05	6.34	
								224.73	Cum
						Qty Limitedto		222.25	Cum

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

10	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48		164.40	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65		199.50	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18		215.25	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73		61.80	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50		165.00	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75		232.50	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45		253.50	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33		249.75	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58		227.25	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70		201.00	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20		186.00	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85		175.50	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70		171.00	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60		168.00	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40		162.00	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20		156.00	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60		168.00	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00		150.00	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45		283.50	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95		319.00	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18		166.73	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25		124.95	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58		167.25	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88		126.75	
								4494.63	SQm
						Qty Limitedto		4445.00	SQm

Assistant Engineer

Assistante Executive Engineer

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13	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (30 mm to 45 mm) with6 % VG-30 Bitumen complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	1	30.00	4.56	6.40	5.48	0.03	4.93	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	1	30.00	6.40	6.90	6.65	0.03	5.99	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	1	30.00	6.90	7.45	7.18	0.03	6.46	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	1	8.00	7.45	8.00	7.73	0.03	1.85	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	1	22.00	8.00	7.00	7.50	0.03	4.95	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	1	30.00	7.00	8.50	7.75	0.03	6.98	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	1	30.00	8.50	8.40	8.45	0.03	7.61	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	1	30.00	8.40	8.25	8.33	0.03	7.49	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	1	30.00	8.25	6.90	7.58	0.03	6.82	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	1	30.00	6.90	6.50	6.70	0.03	6.03	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	1	30.00	6.50	5.90	6.20	0.03	5.58	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	1	30.00	5.90	5.80	5.85	0.03	5.27	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	1	30.00	5.80	5.60	5.70	0.03	5.13	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	1	30.00	5.60	5.60	5.60	0.03	5.04	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	1	30.00	5.60	5.20	5.40	0.03	4.86	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	1	30.00	5.20	5.20	5.20	0.03	4.68	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	1	30.00	5.20	6.00	5.60	0.03	5.04	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	1	25.00	6.00	6.00	6.00	0.03	4.50	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	1	30.00	9.00	9.90	9.45	0.03	8.51	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	1	20.00	9.90	22.00	15.95	0.03	9.57	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	1	27.00	6.20	6.15	6.18	0.03	5.00	
	6th Cross Paschim county North	1	23.80	5.60	4.90	5.25	0.03	3.75	
	6th Cross Paschim county South 00.00 to30.00	1	30.00	6.25	4.90	5.58	0.03	5.02	
	6th Cross Paschim county South 30.00 to 26.00	1	26.00	4.90	4.85	4.88	0.03	3.80	
								134.84	**Cum**
						Qty Limited to		**133.35**	**Cum**

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per the specification & as per direction of Engineer-in-charge of the work								
	Temple Pipe lane	5	30.00				0.45	67.50	
	Pipe lane	5	38.00				0.45	85.50	
	Pipe lane	6	30.00				0.45	81.00	
	Pipe lane	1	26.40				0.45	11.88	
	Pipe lane	6	30.00				0.45	81.00	
	Pipe lane	1	24.50				0.45	11.03	
								337.91	**SQm**
									SQm

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

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Continued.....

16	Road Marking with Hot Applied Thermoplastic compound with Reflectrising Glass beads on Bituminous surface:-Providing and laying of Hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250gm/sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35,. The finished surface to be level, uniform and pre firm streaks and holes complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road:								
	Pillappa Circle to abbigere Circle Ch: 00.00 to 30.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch: 30.00 to 60.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch: 60.00 to 90.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch: 90.00 to 98.00	2.5	8.00				0.10	2.00	
	Pillappa Circle to abbigere Circle Ch: 98.00 to120.00	2.5	22.00				0.10	5.50	
	Pillappa Circle to abbigere Circle Ch:120.00 to150.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:150.00 to180.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:180.00 to210.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:210.00 to240.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:240.00 to270.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:270.00 to300.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:300.00 to330.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:330.00 to360.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:360.00 to390.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:390.00 to420.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:420.00 to450.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:450.00 to480.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:480.00 to505.00	2.5	25.00				0.10	6.25	
	Pillappa Circle to abbigere Circle Ch:505.00 to535.00	2.5	30.00				0.10	7.50	
	Pillappa Circle to abbigere Circle Ch:535.00 to555.00	2.5	20.00				0.10	5.00	
	Pillappa Circle to abbigere Circle Ch:555.00 to582.0	2.5	27.00				0.10	6.75	
	6th Cross Paschim county North	2.5	23.80				0.10	5.95	
	6th Cross Paschim county South 00.00 to30.00	2.5	30.00				0.10	7.50	
	6th Cross Paschim county South 30.00 to 26.00	2.5	26.00				0.10	6.50	
								165.45	Sqm
						Qty Limited to		158.75	Sqm

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

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